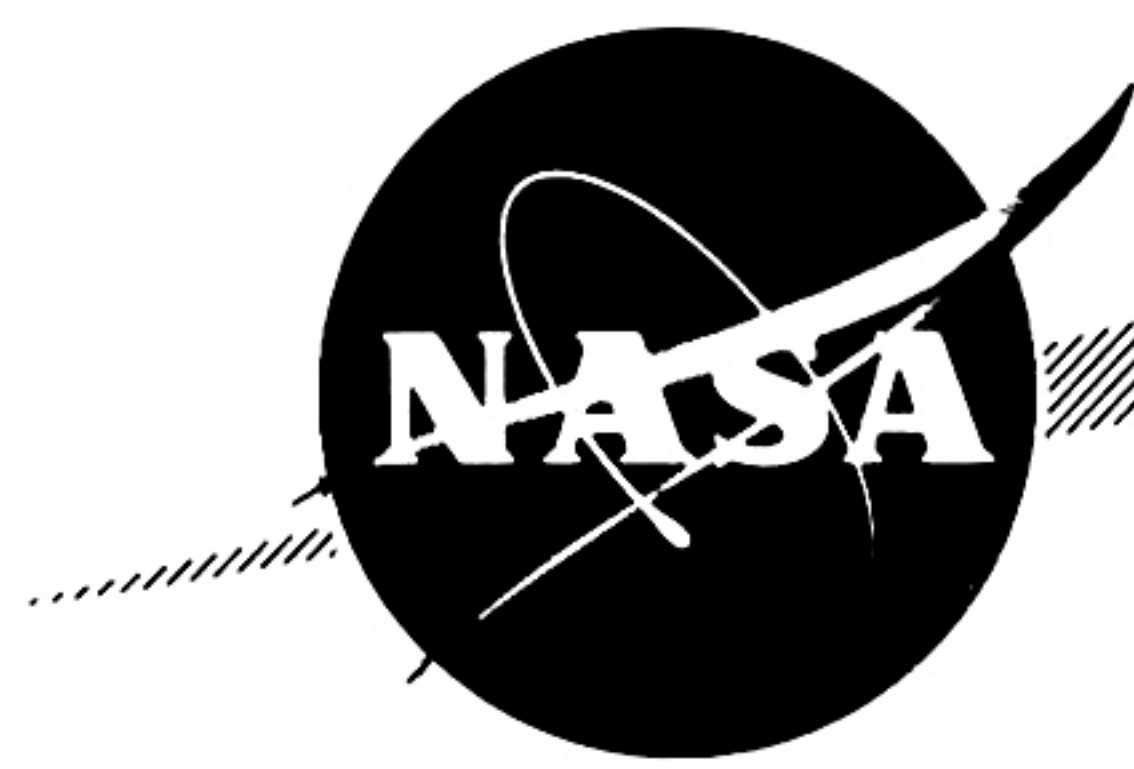


SPACEPORT



NEWS

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Kennedy Space Center, Florida

July 23, 1969

LIFTOFF FROM KSC FLAWLESS

U.S. Lands Men on Moon



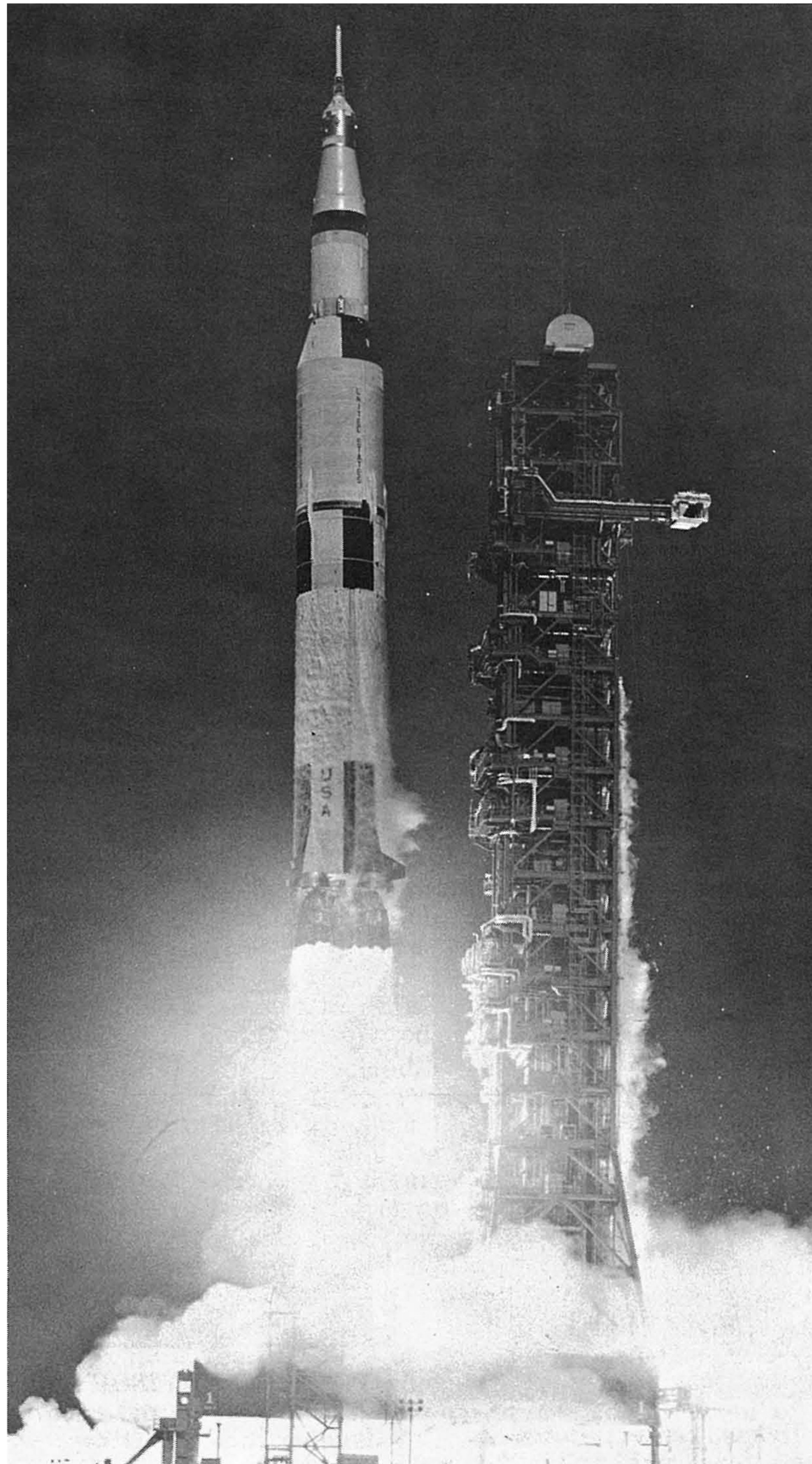
RICHARD M. NIXON
President, U.S.A.



DR. THOMAS O. PAINE
NASA Administrator



DR. KURT H. DEBUS
Director, KSC



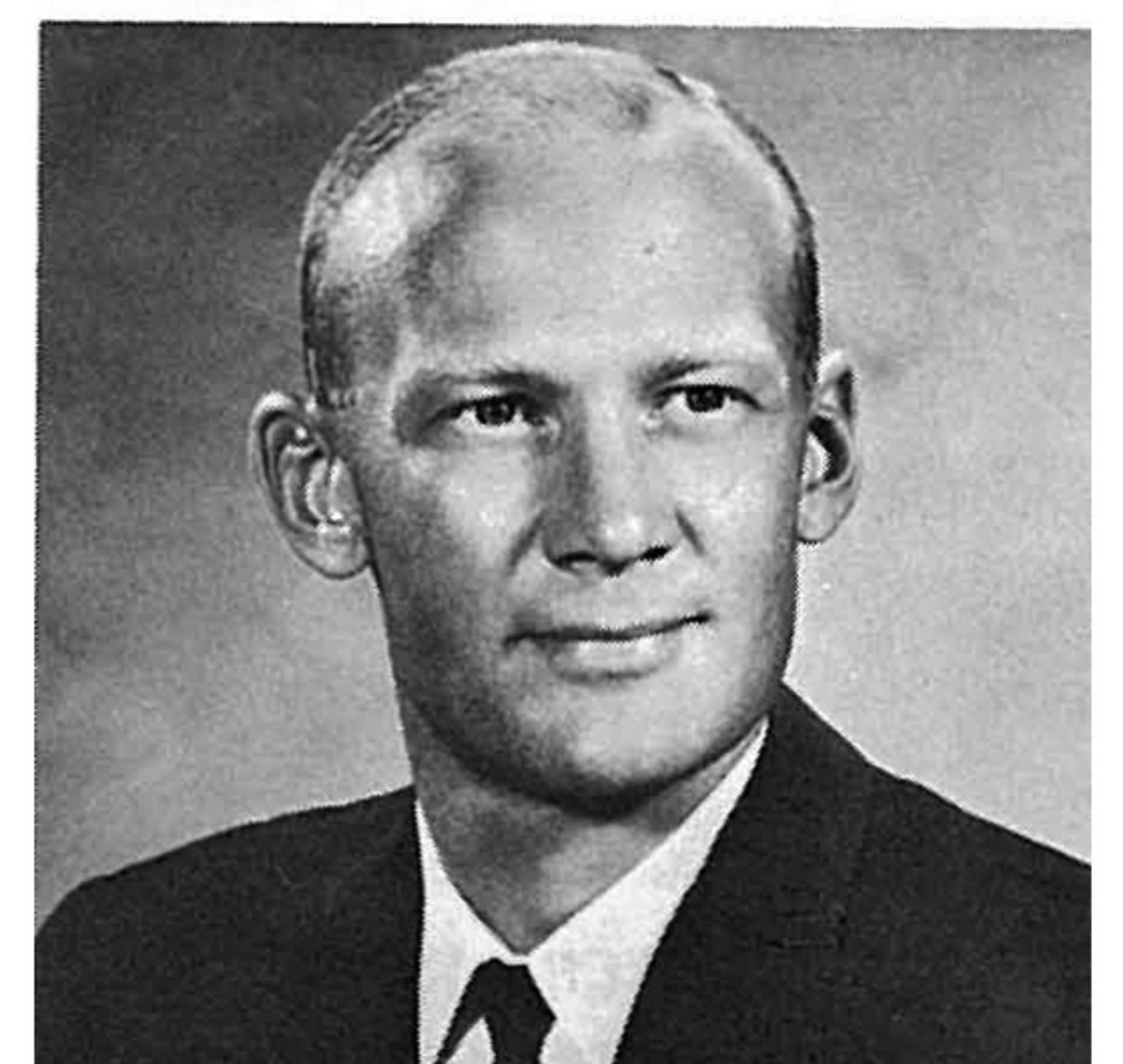
APOLLO 11 LIFTS OFF FOR MOON



NEIL ARMSTRONG
Apollo 11 Commander



MICHAEL COLLINS
Command Module Pilot



EDWIN ALDRIN
Lunar Module Pilot

KSC Launch Sends Apollo 11 to Moon



LAUNCH COMPLEX 39'S FIRING ROOM 1

"Twenty seconds and counting. T—15 seconds, guidance is internal, 12, 11, 10, 9, ignition sequence starts, 6, 5, 4, 3, 2, 1, zero, all engines running, commit, LIFTOFF. We have a liftoff, 32 minutes past the hour. Liftoff on Apollo 11. Tower cleared."

These final few seconds of the countdown for the truly historic launch of Apollo 11 astronauts Neil Armstrong, Michael Collins, Edwin Aldrin signified that the hard work, long hours and mental effort put forth by the thousands of KSC Government and Contractor employees had been worth it.

This great human effort — combined with the greatest technically advanced machines ever created — will go down in history as one of the greatest single undertakings attempted by man.

Those living now simply do not have the vision to de-

termine what implications the Apollo 11 mission will have for the future. Generations to come will better be able to evaluate what is meant by opening the door to the universe.

DEBUS STATEMENT

Speaking to the KSC launch team in the firing room after liftoff, KSC Director Kurt H. Debus stated:

"I am very grateful for what you have done over the years, pulling out of the deep trouble we were in and bringing us up to a status where we can indeed look forward to a successful lunar landing now and to a continued Manned Space Flight program in the future. Thank you, very very much."

Launch Director Rocco A. Petrone simply said:

"All I can say is, thanks for all the hard work. And, you know I know what the



ACE CONTROL ROOM, MSO BUILDING

hard work was. Thank you."

PAINE PROUD

NASA Administrator Thomas O. Paine said, "I know that everybody in the KSC launch team knows how I feel about the dedicated, competent work that you've done over all these years to achieve a record that's almost unbelievable."

"With some pride, I think I can speak for the entire Apollo team to thank the tremendous performance of this group. All we can all say is thanks."

"It's going to be a perfect mission. I know it. All the way. Thank you."

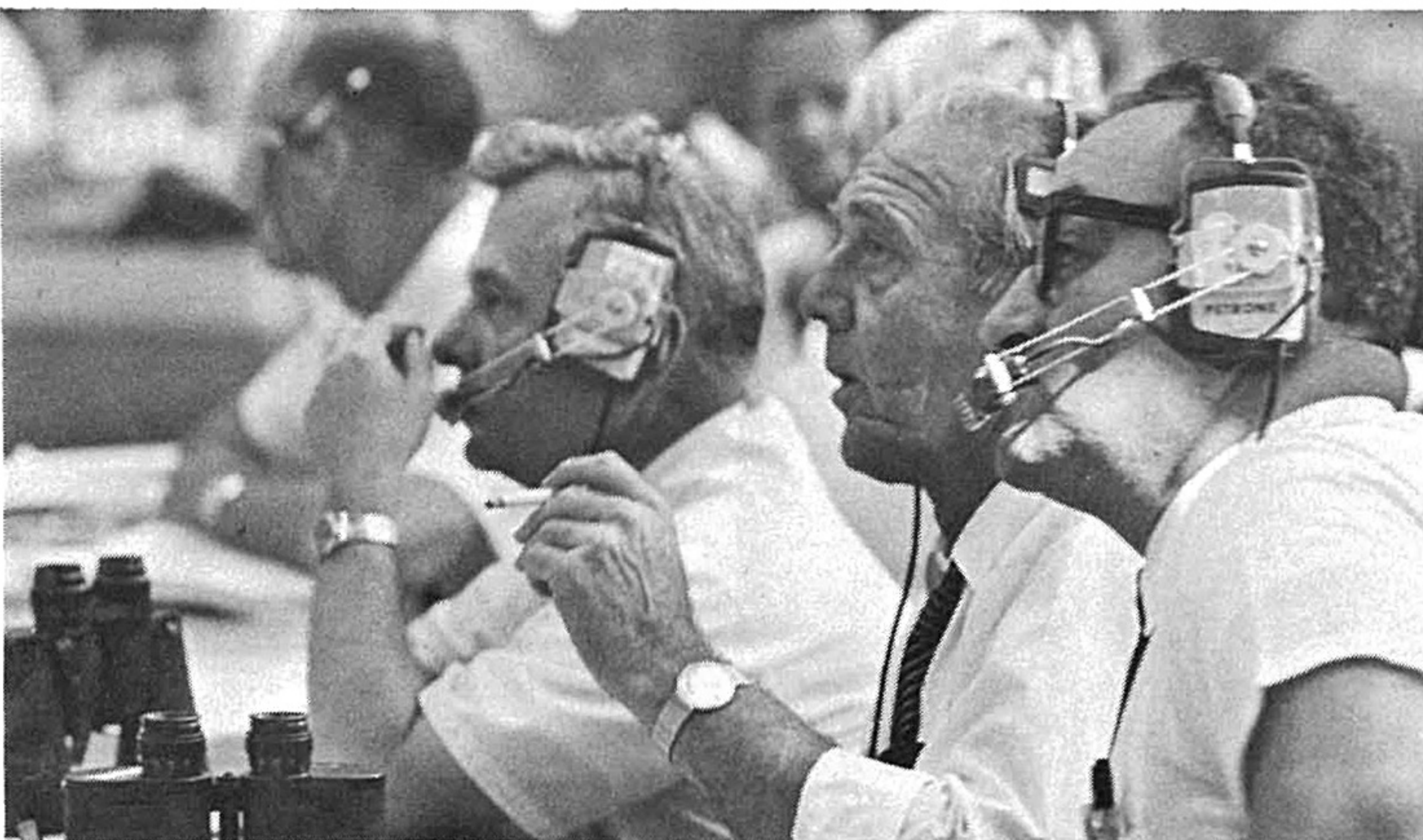
Dr. George E. Mueller, NASA Associate Administra-

tor for Manned Space Flight, said, "I must say that this is the most professional countdown, the most professional operation, most professional crew and the best viewing in the history of our program."

"Seven successful launches on time is a record that has never been achieved before and I trust will be continued to be achieved from now on."

"We've started the first mission to land men on the moon. As I look forward in the months and years ahead to other missions that carry men from this planet to other planets, first to the moon and then to Mars and on, I'd like to say that I can't think of a better foundation than the

(See KSC, Page 3)



KSC DIRECTOR Dr. Kurt H. Debus, center; Rocco A. Petrone, Director of Launch Operations, right; and Walter J. Kapyran, Deputy Director of Launch Operations, left, keep a close eye on the progress of the countdown of Apollo 11.



TEST SUPERVISOR Bill Schick, third from right, coordinated the final countdown for the Apollo 11 moon-landing mission. Others who played key roles in launch operations included Robert Moser, sixth from right, Chief of Test Planning Office; Paul Donnelly (on phone), Launch Operations Manager; Karl Striby, Schick, Ronald Benti and Norm Carlson, Launch Vehicle Test Conductor.



ENJOYING AN evening meal prior to the Apollo 11 liftoff the next morning are, from left across the table, Lunar Module Pilot Edwin Aldrin and Commander Neil Armstrong and, second from right, Command Module Pilot Michael Collins. Others seated around the table, from left, are Fred Haise, Donald K. Slayton, James Lovell, Thomas Mattingly, Ron Evans and William Anders.

KSC . . .

efforts, the perseverance and the dedication of all of you people over these many years that have made this possible."

PHILLIPS' THANKS

Apollo Program Manager Sam Phillips told the team that "getting them off in this style is the finest thing we could do to insure the success of this mission.

"I want to thank you all very much for the tremendous job. The future of the space program is directly linked into the kind of performance that we could show the American people.

"I'm absolutely certain that as we continue to demonstrate this kind of performance we can certainly get an extremely powerful forward looking space program for the next decade and the decade after that.

"Thank you very, very much for all your support and help."

Dr. Wernher von Braun, Director of the Marshall Space Flight Center, said, "I would like to thank all of you for a magnificent job. We knew we had good hardware, but you also know there's a lot of room for mistakes and this is the sixth one in a row. All I can say is thank you."

TEAGUE VIEWS

Rep. Olin Teague, D-Tex., Chairman of the House subcommittee on Manned Space Flight, said, "It's wonderful. I think it's something we can all be proud of. I think the

whole world is proud of it.

"The moon is wonderful but the moon itself isn't too important. The fact that we can get there and get back is what's important. I think we'll go right ahead with our space program."

SOLONS SPEAK

Rep. George Miller, D-Calif., Chairman of the House Committee on Science and Astronautics, said, "It's the cul-

Vice President Speaks

U.S. Vice President Spiro T. Agnew said it was his first time to view a launch from outside the firing room and "it's a different ball game out there.

"You get a little bit more of the sense of the power of those rockets, but all the time I was out there I couldn't help thinking of you, the people in here and all over NASA who have done such a brilliant job in putting together the combined effort behind these three gentlemen who are off on this historic mission.

"I had a chance to do a little television. I want to tell you I hit the bullet for you today as far as Mars is concerned.

"But on the other hand, in case any of us become too enthusiastic, I want to let you know that I may be a voice in the wilderness. However, I feel very strongly that in spite of the fact that excellent arguments can be made against our technological ability to articulate such a mission at this time — in spite of all of the progress that has come about in these programs over a period of time, leads me to a sense of intense confidence that this is going to happen, and it's not going to happen whether somebody says it or not, and it's going to happen before the end of this century.

"This is the future of our country, and if the gains that come from this program are going to be the greatest — going to constitute the greatest fallout for the advancement of all our citizens that anything we could do would — could bring about.

"So all I can say to you is we'll be there pitching for you. And you stick with us, we'll stick with you, and together we'll do this job. Thank you very much."



WAVING GOOD-BY to KSC employees is Apollo 11 Commander Neil Armstrong, followed by Command Module Pilot Michael Collins and Lunar Module Pilot Edwin Aldrin, as they depart the MSO Building to board the space vehicle.

mination of nine years work and I think that the techniques that have been developed by NASA through the use of the university complex, American industry, American labor have been put together to make this thing what it is.

"It's a great combination and, of course, I look forward to the time when we can greet these people back here when they will perform one of the greatest feats in the world, putting a foot on another planetary body."

LAUNCH MARVELOUS

Rep. Claude Pepper, D-Fla.,

described the launch as "marvelous. You just have a feeling that you've seen one of the greatest events of human history. The idea that those men are going on a trip to another planet where they expect to put their feet and come back home and that this great country is making it possible.

"I felt a thrill inside me to think that I live in a country that could do that. It was a great thrill. And we all prayed in our hearts for those great men."

Actor Hugh O'Brien said "It's one of the most fantastic sights I've ever seen. A great tribute, not just to the technicians and the astronauts, of course, they're fantastic, but all the little guy's efforts that went into putting this whole thing together.

"All the people who work here at this complex. The thousands and thousands of man hours that went into this effort. A beautiful, beautiful sight."

Television personality Jack Benny said, "My reaction is exactly the same as everybody else's. It's probably the most exciting moment that I can think of in my lifetime and I've lived a long time.

"I can't think of anything more exciting than to see three fellows taking off to go to the moon. I can't think of anything that would be more exciting, unless I was up in it."

As the three astronauts return from the moon, the world stands awed — and is grateful — for the overall NASA-Contractor effort that will lead to the future.

Armstrong, Aldrin Land, Walk on Moon

The moon landing and brief surface exploration performed so flawlessly by Commander Neil Armstrong and Lunar Module Pilot Edwin Aldrin — and ably assisted by Command Module Pilot Michael Collins in moon orbit — is probably the most historic event that will occur in the lifetimes of those now living.

To help those at the Kennedy Space Center who had such a vital role in the mission remember these historic moments, the Spaceport News is printing excerpts of the commentary that we feel best communicate the excitement and importance of the mission:

Eagle: We're go. Hang tight. We're go. 2,000 feet. 2,000 feet into the AGS. 47 degrees.

Mission Control: Roger.

Eagle: 47 degrees.

Mission Control: Eagle looking great. You're go.

Public Affairs: Altitude 1,600 feet. 1,400 feet. Still looking very good.

Mission Control: Roger. 1,202. We copy it.

Eagle: 35 degrees. 35 degrees. 750, coming down at 23. 700 feet, 21 down. 33 degrees. 600 feet, down at 19. 540 feet, down at 30 — down at 15. 400 feet, down at 9. (garbled) 8 forward. 350, down at 4. 330, 3 1/2 down. We're pegged on horizontal velocity. 300 feet, down 3 1/2. 47 forward. (garbled) Down 1 a minute. 1 1/2 down. 70. Got the shadow out there. 50, down at 2 1/2. 19 forward. Altitude-velocity lights. 3 1/2 down, 220 feet. 13 forward. 11 forward, coming down nicely. 200 feet, 4 1/2 down. 5 1/2 down. 160, 6 1/2 down, 5 1/2 down, 9 forward. 5 percent. quantity light. 75 feet, things looking good. Down a half. 6 forward.

Mission Control: 60 seconds.

Eagle: Lights on. Down 2 1/2. Forward. Forward. Good. 40 feet, down 2 1/2. Picking up some dust. 30 feet, 2 1/2 down. Faint shadow. 4

forward. 4 forward, drifting to the right a little. 6 (garbled) down a half.

Mission Control: 30 seconds.

Eagle: (garbled) Contact light. Okay, engine stop. ACA out of detent. Modes control both auto, descent engine command override, off. Engine arm, off. 413 is in.

Mission Control: We copy you down, Eagle.

Eagle: (Armstrong) Houston, Tranquility Base here. The Eagle has landed.

Mission Control: Roger, Tranquility, we copy you on the ground. You've got a bunch of guys about to turn blue. We're breathing again. Thanks a lot.

Tranquility: Thank you.

Mission Control: You're looking good here.

* * *

LANDING SITE

Eagle: Houston, that may have seemed like a very long final phase. The auto targeting was taking us right into a football field, football field sized crater, with a large number of big boulders and rocks for about one or two crater diameters around us, and it required a (garbled) on the 366 and flying manually over the rock field to find a reasonably good area.

Mission Control: Roger, we copy. It was beautiful from here, Tranquility, over.

Eagle: We'll get to the details of what's around here, but it looks like a collection of just about every variety of shapes, angularities, granularities, every variety of rock you could find. The colors vary pretty much depending on how you're looking relative to the O phase point. There doesn't appear to be too much of a general color at all, however it looks as though some of the rocks and boulders, of which there are quite a few in the near area, are going to have some interesting colors to them, over.

* * *

MAN STEPS ON MOON

Armstrong: I'm at the foot of the ladder. The LM foot pads are only depressed in the surface about one or two inches. Although the surface appears to be very, very fine grained, as you get close to it. It's almost like a powder. Now and then, it's very fine.

Armstrong: I'm going to step off the LM now.

Armstrong: That's one small step for man. One giant leap for mankind.

Armstrong: As the — the surface is fine and powdery. I can — I can pick it up loosely with my toe. It does adhere in fine layers like powdered charcoal to the sole and sides of my boots. I only go in a small fraction of an inch.

(See MOON, Page 5)

Dr. Thomas Paine's Statement

The following is a statement from Dr. Thomas O. Paine, NASA Administrator, following the first manned lunar landing:

"Immediately after the lunar touchdown, I called the White House from Mission Control and gave the following report to the President.

"Mr. President, it is my honor on behalf of the entire NASA team to report to you that the Eagle has landed on the Sea of Tranquility and our astronauts are safe and looking forward to starting the exploration of the moon."

"We then discussed the gripping excitement and wonder that had been present in the White House and at Mission Control during the final minutes of this historic touchdown.

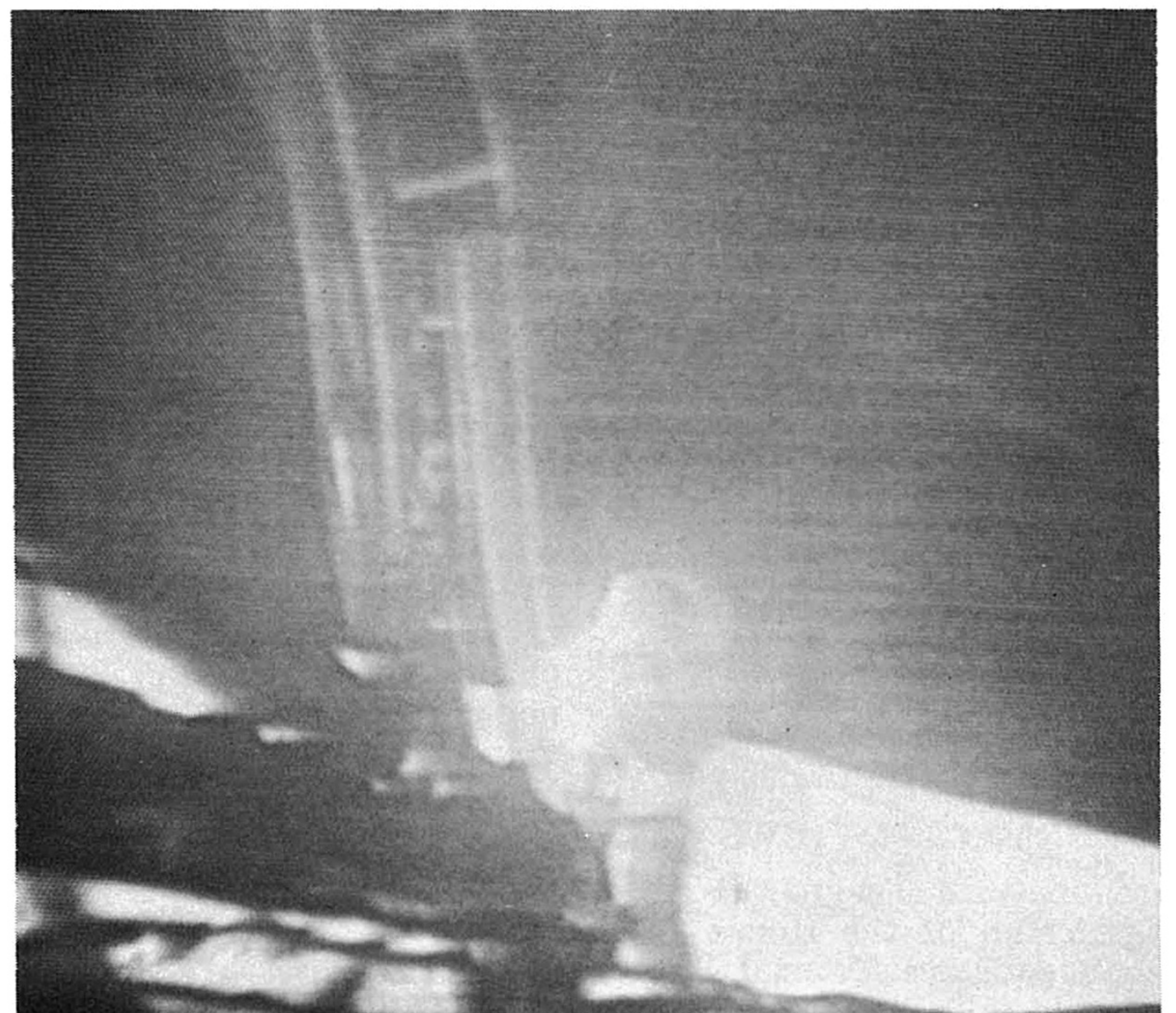
"I emphasized to the President, the fact that we still had many difficult steps ahead of us in the Apollo 11 mission, but that, at the same time, a giant step had been made with our successful landing.

"President Nixon asked me to convey to all of the NASA team and its associated industrial and university associates, his personal congratulation on the success of the initial lunar landing and gave his good wishes for the continuing success of this mission. I think that it would be not right for me to give to you my own personal feelings about this historic moment.

"We have clearly entered a new era. I think it means a different thing to each one of us. The voices that we hear coming back from these brave men on the surface of the moon are still hard to believe, and yet it's true.

"I think that this success is something that has raised the spirits around the world, and it has caused us to pause and ponder its meaning, which only history, in the final analysis, will reveal to us.

"It's significant, I think, that two days ago, the Soviet Union, at our request, passed to us, valuable orbital parameters for the Luna 15 mission in an unprecedented cooperative movement. And I think this bodes well for the future of mankind exploration of our sister planet."



ASTRONAUT DESCENDS LEG OF EAGLE



PRESIDENT TALKS TO MEN ON MOON

Moon . . .

Maybe an eighth of an inch, but I can see the footprints of my boots and the treads in the fine sandy particles.

Armstrong: There seems to be no difficulty in moving around as we suspected. It's even perhaps easier than the simulations at 1/6th "g" that we performed in the simulations on the ground. It's actually no trouble to walk around. The descent engine did not leave a crater of any size. There's about one foot clearance on the ground. We're essentially on a very level place here. I can see some evidence of rays emanating from the descent en-

gine, but very insignificant amount. Okay, Buzz, we're ready to bring down the camera.

* * *

ALDRIN EXITS EAGLE

Aldrin: Now, I want to back up and partially close the hatch. Making sure not to lock it on my way out.

Armstrong: A good thought.

Aldrin: That's our home for the next couple of hours and I want to take good care of it. Okay, I'm on the top step and I can look down over the RCU, landing gear pads. That's a very simple matter to hop down from one step to the next.

Armstrong: Yes, I found it to be very comfortable and

President, Astronauts Talk

President Richard M. Nixon and Astronauts Neil Armstrong and Edwin Aldrin had the following conversation while the two space pioneers were exploring the surface of the Moon:

Mission Control: Neil and Buzz, the President of the United States is in his office now and would like to say a few words to you. Over.

Armstrong: That would be an honor.

Mission Control: Go ahead Mr. President, this is Houston. Out.

President Nixon: Neil and Buzz, I am talking to you by telephone from the Oval Room at the White House. And this certainly has to be the most historic telephone call ever made. I just can't tell you how proud we all are of you . . . for every American, this has to be the proudest day of our lives. And for people all over the world, I am sure they, too, join with Americans, in recognizing what a feat this is. Because of what you have done, the heavens have become a part of man's world. And as you talk to us from the Sea of Tranquility, it inspires us to double our efforts to bring peace and tranquility to earth. For one priceless moment, in the whole history of man, all the people on this earth are truly one. One in their pride in what you have done. And one in our prayers, that you will return safely to earth.

Armstrong: Thank you, Mr. President. It's a great honor and privilege for us to be here representing not only the United States but men of peace of all nations. And with interest and curiosity and a vision for the future. It's an honor for us to be able to participate here today.

President Nixon: And thank you very much and I look forward — all of us look forward to seeing you on the Hornet on Thursday.

Armstrong: Thank you.

Aldrin: I look forward to that very much, sir.

walking is also very comfortable. You've got three more steps and then a long one.

Aldrin: Okay, I'm going to leave that one foot up there and both hands down to about the fourth rung up.

Armstrong: There you go.

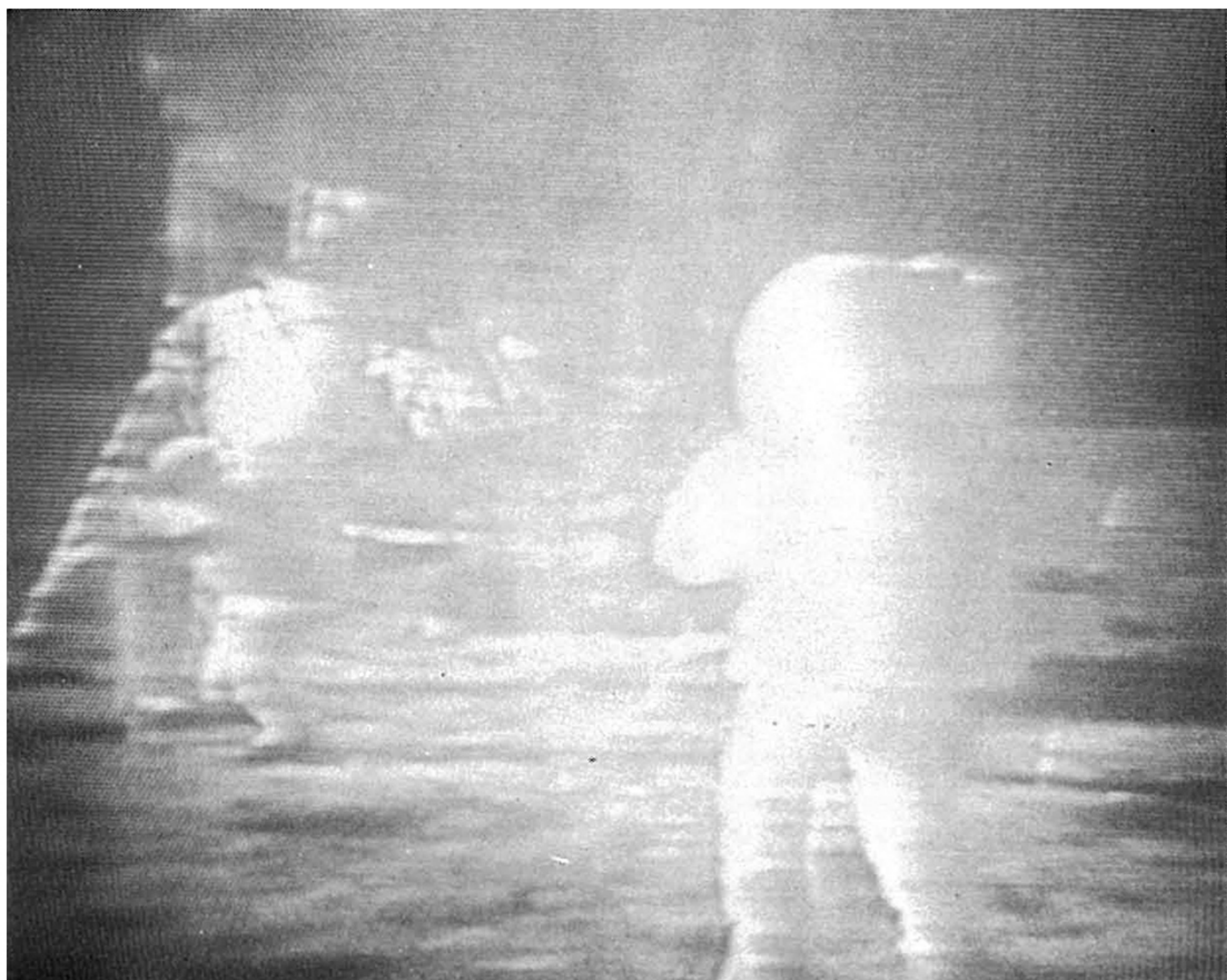
Aldrin: Okay. Now I think I'll do the same.

Armstrong: A little more. About another inch. There you got it. That's a good step. About a three footer.

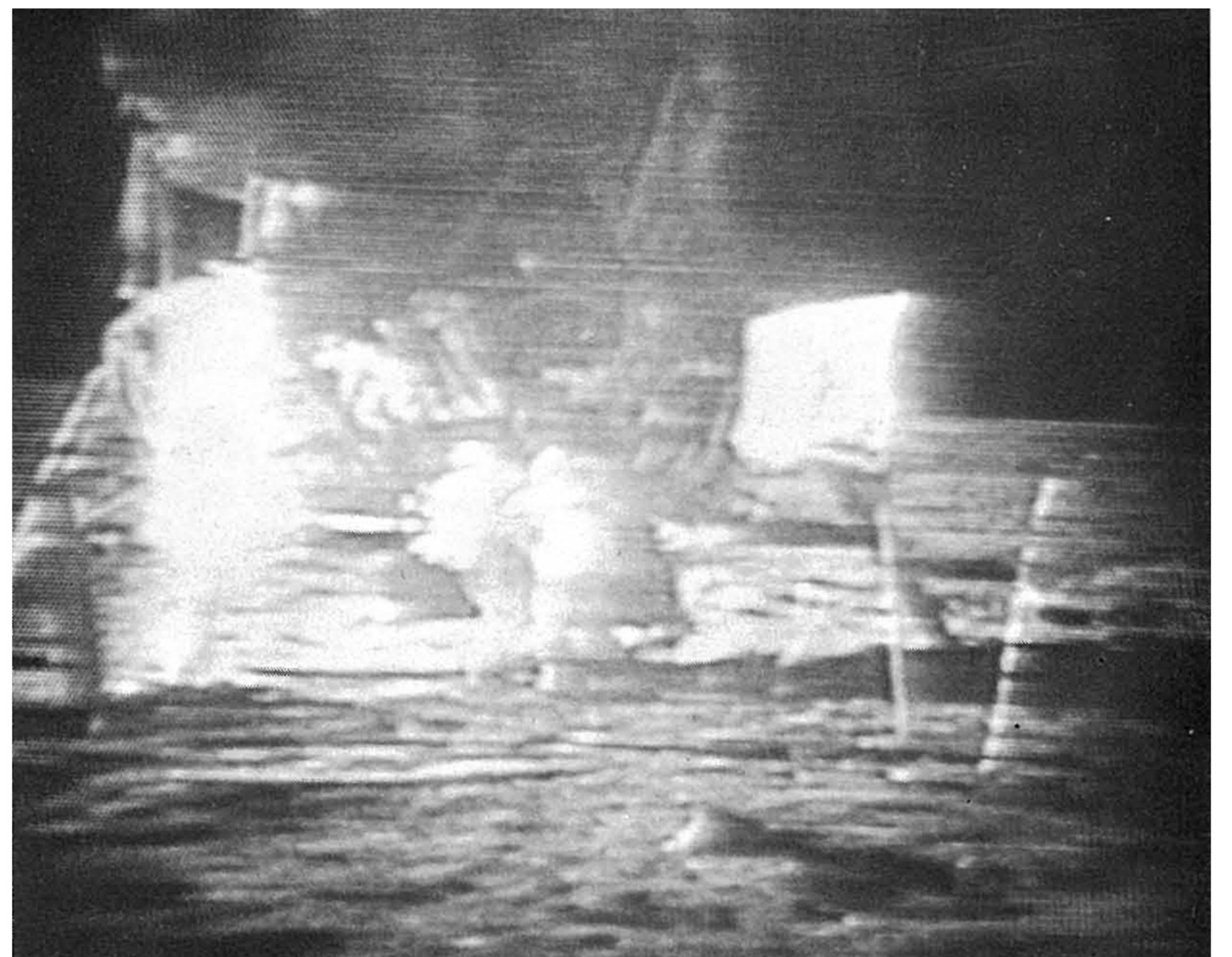
Aldrin: Beautiful, beautiful.

Armstrong: Isn't that something. Magnificent sight down here.

Aldrin: Magnificent definition.



MOON MEN BUSY WITH EXPERIMENTS



PIONEERS PREPARE TO LEAVE MOON



MEMBERS OF THE PRESS from over the world gathered at KSC's Press Site at Launch Complex 39 to witness, describe and photograph the historic launch of Apollo 11 on its moon-landing mission. Figures show that 3,497 press from the United States and 57 foreign countries were accredited for the launch. Of this total, 812 journalists were from foreign countries. It has been speculated that more press viewed the launch and more

words will be written about the Apollo 11 mission than has been seen and written at the time about any single news event in history. Of the foreign countries with newsmen here, Japan led the way with 118, England 82, Italy 81, France 53, Mexico 51, Germany 44, Canada 38, Spain 27, Brazil 26 and Australia 25. Even tiny Luxembourg sent three journalists.



VICE PRESIDENT Spiro T. Agnew, right, and former President Lyndon B. Johnson, left, follow the Apollo 11 liftoff from a viewing stand located less than four miles from Pad A at Launch Complex 39. They headed the list of thousands of dignitaries invited to attend the launch.



NASA ADMINISTRATOR Thomas O. Paine, right, discusses Apollo 11 activities with Vice President Agnew, Astronaut William Anders and Lee James, Saturn V Program Manager for MSFC.



KSC DEPUTY DIRECTOR, Center Management, Albert F. Siefert, right, and Apollo 10 Commander Thomas Stafford, left, discuss the Apollo 11 mission with Vice President Agnew, center. They were at the viewing stands prior to launch when the photograph was taken. This was the first launch that the Vice President had viewed from outside of the Launch Control Center.



COMMANDER NEIL ARMSTRONG'S wife and two boys talk with newsmen about his participation in man's first lunar landing mission. Mrs. Janet Armstrong stands beside her sons Eric, left, and Mark. They viewed the launch from a boat in the Banana River with friends. Shortly afterward, Mrs. Armstrong conducted a short news conference at TICO airport and then returned home to Houston, Texas.



NASA OFFICIALS were all smiles following the launch of Apollo 11. From left to right in the Launch Control Center are Charles W. Mathews, Deputy Associate Administrator for Manned Space Flight; Dr. Wernher von Braun, Director of MSFC; Dr. George E. Mueller, Associate Administrator for Manned Space Flight; and Lt. Gen. Samuel C. Phillips, Director of the Apollo Program.

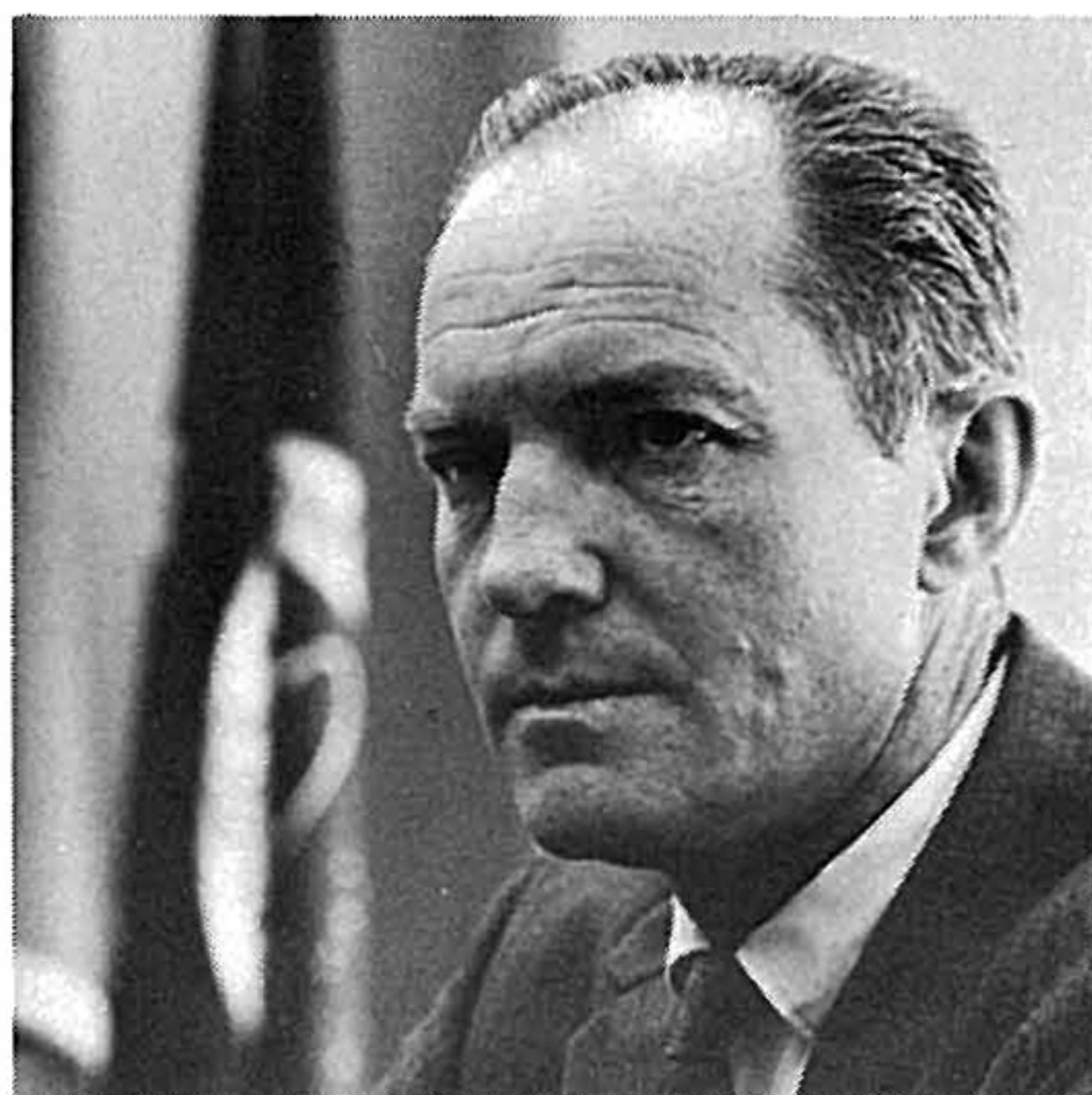


VISITORS BY the thousands poured into the Spaceport area to view the historic launch of Apollo 11. Civil Defense estimated that more than one million were on hand shortly before liftoff. Many spent the night in tents, campers and automobiles and along beach and roads adjacent to KSC.

Key NASA Officials for Apollo 11



DR. GEORGE E. MILLER
Associate Administrator



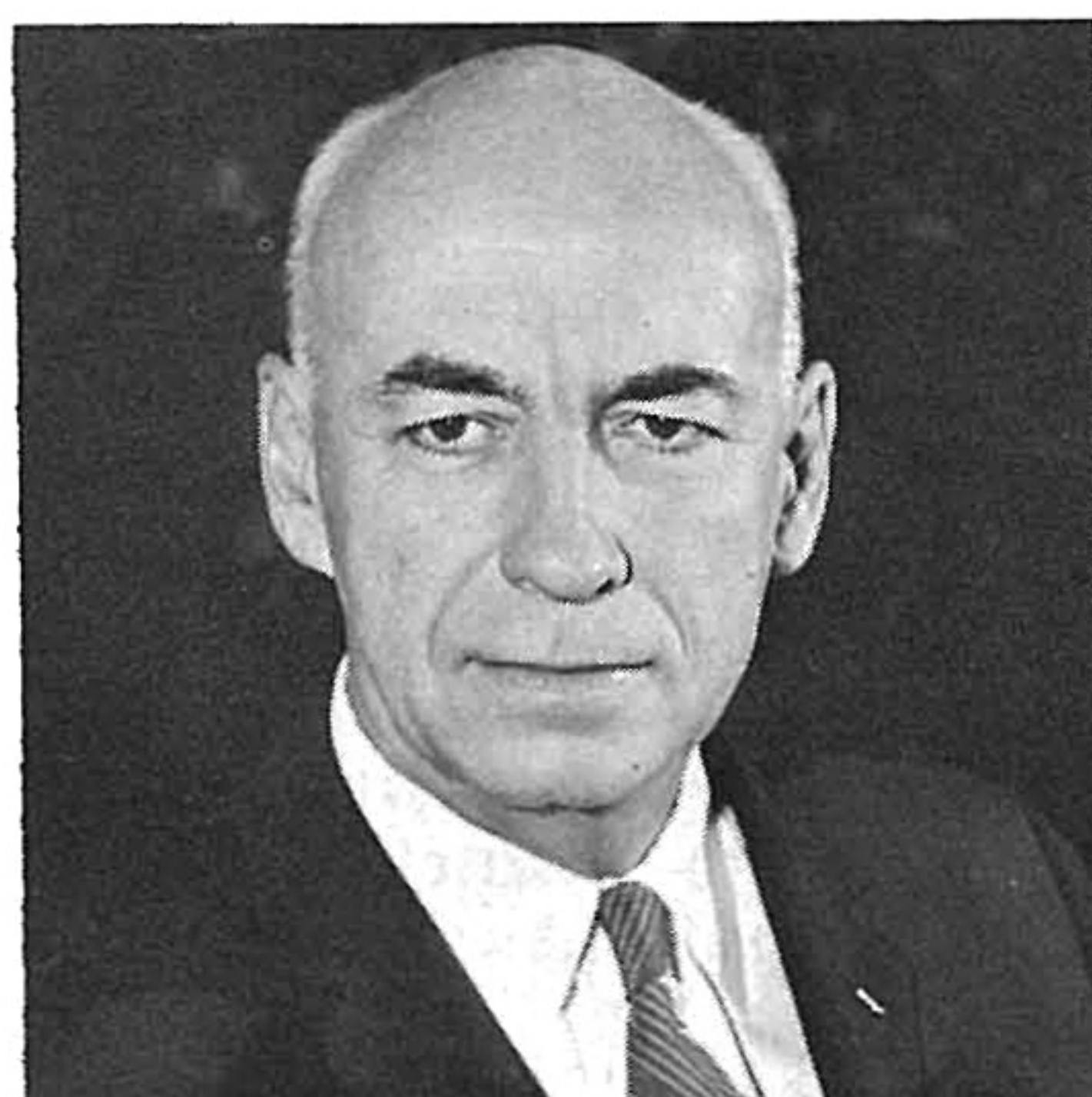
SAMUEL C. PHILLIPS
Director Apollo Program



GEORGE HAGE
Apollo Mission Director



DR. VON BRAUN
Director, MSFC



DR. GILRUTH
Director, MSC



DR. JOHN F. CLARK
Director, GSFC



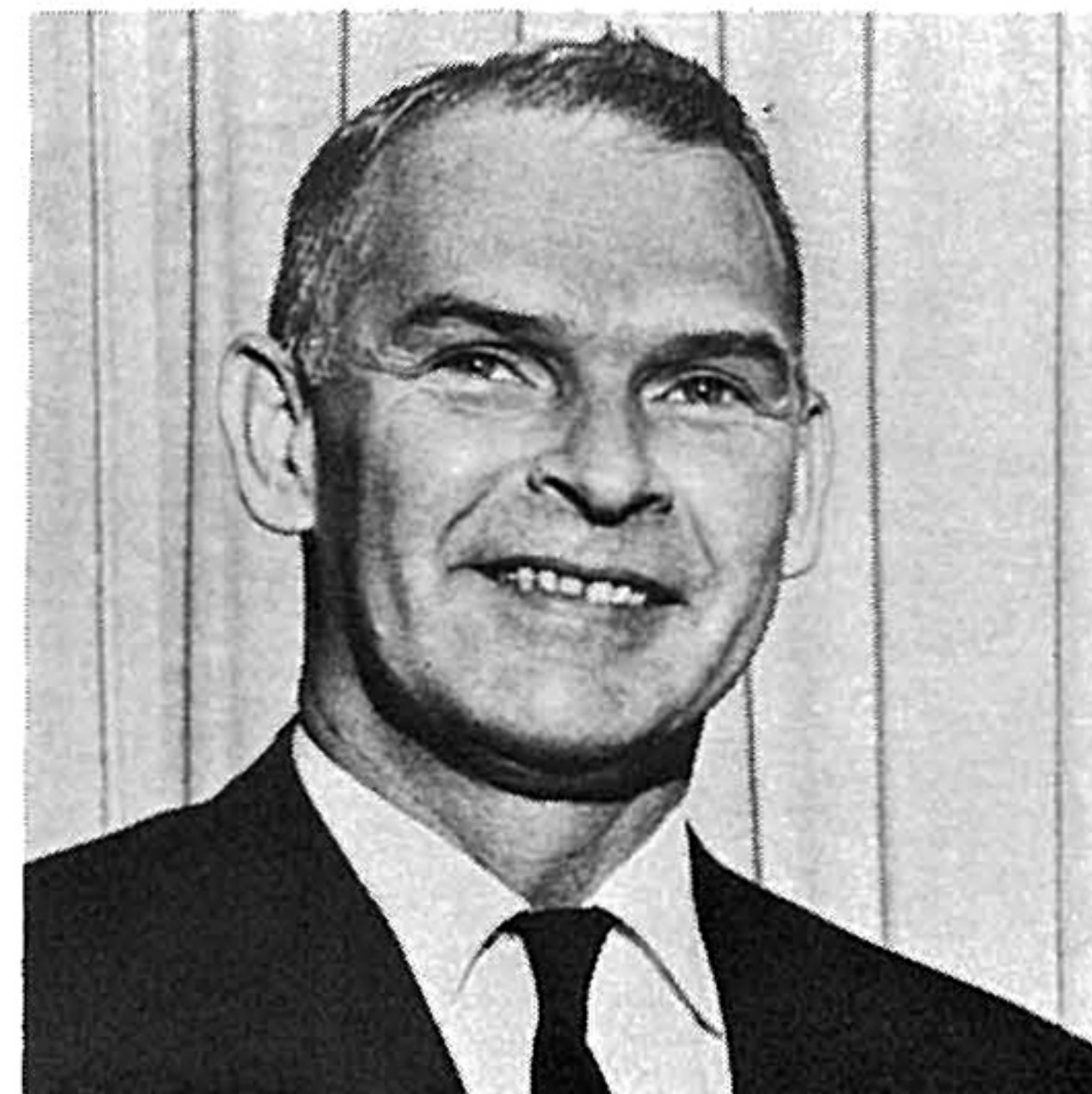
ROCCO A. PETRONE
Launch Director, KSC



MILES ROSS
Deputy Director, KSC



ALBERT F. SIEPERT
Deputy Director, KSC



R. O. MIDDLETON
Apollo Program, KSC



RAY CLARK
Technical Support, KSC



FREDERIC H. MILLER
Installation Support, KSC



G. MERRITT PRESTON
Design Engineering, KSC



CHRISTOPHER CRAFT
Flight Operations, MSC



GEORGE M. LOW
Apollo Program, MSC



DONALD K. SLAYTON
Crew Training, MSC